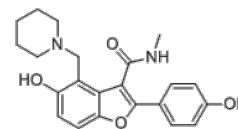


Product Name : TAM-16
Cat. No. : PC-60356
CAS No. : 2030241-59-7
Molecular Formula : C₂₂H₂₄N₂O₄
Molecular Weight : 380.444
Target : Bacterial
Solubility : 10 mM in DMSO



Biological Activity

TAM-16 is a benzofuran class inhibitor of *M. tuberculosis* **Pks13** (Polyketide Synthase 13 with IC₅₀ of 0.32 μM). TAM-16 show highly potent in vitro bactericidal activity against drug-susceptible and drug-resistant clinical isolates of *M. tuberculosis* (MICs: 0.06-0.25 μM). TAM-16 exhibits in vivo efficacy in multiple mouse models of TB infection, has excellent pharmacological and safety profiles.

References

Aggarwal A, et al. *Cell*. 2017 Jul 13;170(2):249-259.e25.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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